

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Not for submission under 37 CFR 1.99)	Application Number		10677849	
	Filing Date		2003-10-02	
	First Named Inventor	Yoshiyuki Abe		
	Art Unit	1796		
	Examiner Name	Mark T. Kopec		
Attorney Docket Number		KAM 20.660		

U.S. PATENTS						Remove
Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1					

If you wish to add additional U.S. Patent citation information please click the Add button.

Add

U.S. PATENT APPLICATION PUBLICATIONS						Remove
Examiner Initial*	Cite No	Publication Number	Kind Code <sup>1</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
/MK/	1	20030218153		2003-11-27	Yoshiyuki Abe	

If you wish to add additional U.S. Published Application citation information please click the Add button.

Add

FOREIGN PATENT DOCUMENTS							<div>Remove</div>	
Examiner Initial*	Cite No	Foreign Document Number <sup>3</sup>	Country Code <sup>2</sup> j	Kind Code <sup>4</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>
/MK/	1	59204625	JP		1984-11-20	DAICEL CHEM		<input type="checkbox"/>
/MK/	2	2004043851	JP		2004-02-12	SUMITOMO METAL MINING CO		<input type="checkbox"/>
/MK/	3	1174390	EP		2002-01-23	JAPAN SCIENCE AND TECHNOLOGY CORPORATION		<input type="checkbox"/>

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	10677849
Filing Date	2003-10-02
First Named Inventor	Yoshiyuki Abe
Art Unit	1796
Examiner Name	Mark T. Kopec
Attorney Docket Number	KAM 20.660

/MK/	4	0793277	EP		1997-09-03	CANON KABUSHIKI KAISHA		<input type="checkbox"/>
/MK/	5	0686982	EP		1995-12-13	HOYA CORPORATION		<input type="checkbox"/>
/MK/	6	19654717	DE		1997-07-03	SAMSUNG DISPLAY DEVICE CO LTD		<input type="checkbox"/>

If you wish to add additional Foreign Patent Document citation information please click the Add button

**NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>5</sup>
/MK/	1	R. GROTH, "Investigation of semiconductor indium oxide Films", 1966, pg(s) 69-75, Physica Status Solidi, Philips Zentrallaboratorium GmbH, Aachen, Germany (without translation)	<input type="checkbox"/>
/MK/	2	A.E. DELAHOY, et al., "Transparent and semitransparent conducting film deposition by reactive-environment, hollow cathod sputtering" Journal of Vacuum Science and Technology A. Vacuum, Surfaces and Films, June 28, 2005, pg(s) 1215-1220, Vol. 23, no. 4, American Institute of Physics, New York, NY U.S.	<input type="checkbox"/>
/MK/	3	I. SAFI, et al., "The properties of reactively-sputtered, stoichiometry-controlled and optimum-conductivity transparent indium oxide films as a function of their titanium, aluminum and zinc content; comparisons with the use of tin as a dopant", April 1999, vol. 343-344, pg(s) 115-118, Dept. of Physics, Loughborough University, Loughborough, UK.	<input type="checkbox"/>
/MK/	4	G. CAMPET, et al., "The electronic effect of Ti4+, Zr4+ and Ge4+ dopings upon the physical properties of IN203 and SN-doped IN203 ceramics: application to new highly-transparent conductive electrodes", June 20, 1993, pg(s) 285-289, vol. B19, no. 3, Lausanne, CH	<input type="checkbox"/>
/MK/	5	E. HUSENOV, et al., "IR-detectors based on In203-anode oxide-CdxHg1-xTe" International Journal of Infrared and Millimeter Waves, September 2002, vol. 23, no.9, pg(s) 1337-1345, Plenum Publishing Corporation, U.S.	<input type="checkbox"/>
/MK/	6	F.L. SUTHERLAND, et al. "Preparation and properties of transparent conducting films of ZnO and In203", September 1, 1988, pg(s) 172-175, vol. 3, no. 3, Chemtronics, Butterworth Scientific Ltd., Guildford, GB	<input type="checkbox"/>

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	10677849
Filing Date	2003-10-02
First Named Inventor	Yoshiyuki Abe
Art Unit	1796
Examiner Name	Mark T. Kopec
Attorney Docket Number	KAM 20.660

/MK/	7	K.L. CHOPRA, et al."Transparent conductors a status review", January 1983, vol. 102, pg(s) 1-46, Elsevier-Sequoia, The Netherlands	<input type="checkbox"/>
/MK/	8	Summons to attend oral proceedings pursuant to Rule 115(1) EPC dated December 28, 2007 for corresponding European Application EP 03 256 274	<input type="checkbox"/>
/MK/	9	European Search Report and Annex to the European Search Report dated March 8, 2006, for corresponding European Application EP 03 256 274	<input type="checkbox"/>

If you wish to add additional non-patent literature document citation information please click the Add button

**EXAMINER SIGNATURE**

Examiner Signature	/Mark Kopec/	Date Considered	03/07/2008
--------------------	--------------	-----------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> See Kind Codes of USPTO Patent Documents at [www.USPTO.GOV](http://www.USPTO.GOV) or MPEP 901.04. <sup>2</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>5</sup> Applicant is to place a check mark here if English language translation is attached.